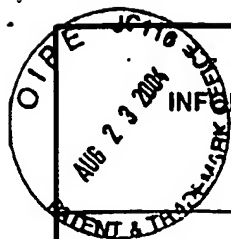
 <p style="margin: 0;"><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p>				Docket Number (Optional) <b>INF-0010</b>		Application Number <b>10/755,863</b>		
				Applicant(s) <b>Ma, et al.</b>				
				Filing Date <b>January 12, 2004</b>		Group Art Unit <b>1763</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>M</i>		2,746,883	5/22/1956	J.B. Powers				
<i>M</i>		4,603,568	8/5/1986	Siemers, et al.				
<i>M</i>		5,250,780	10/5/1993	Hansz, et al.				
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<i>M</i>		WO 98/41316	24.09.98	PCT				
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)								
		International Search Report dated 24/09/2004						
EXAMINER <i>m Padell</i>					DATE CONSIDERED <i>3-16-05</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

INF-0010

APPLICATION NO.

10/755.863

APPLICANT(S)

Ma, et al.

FILING DATE

January 12, 2004

GROUP ART UNIT

1763

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	4,982,067	1/1/1991	Marantz, et al.	219	121.47	11/4/1988
↑	5,032,568	7/16/1991	Lau, et al.	505	1	9/1/1989
↓	5,421,895	6/6/1995	Tsubouchi, et al.	118	726	12/22/1992
↓	5,609,921	3/11/1997	Gitzhofer, et al.	427	446	8/26/1994
M	5,620,524	4/15/1997	Fan, et al.	118	726	2/27/1995

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
M	UK2100621	11.06.1981	United Kingdom				
M	WO 97/05994	20.02.1997	PCT				
M	WO 00/00660	06.01.00	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			Bouyer, et al. "Characterization of SiC and Si <sub>3</sub> N <sub>4</sub> coatings synthesized by means of inductive thermal plasma from disilane precursors". Applied Organometallic Chemistry. Appl. Organometal. Chem. 2001; 15: 833-840

EXAMINER

m Paduel

DATE CONSIDERED

3-16-05

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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. <b>INF-0010</b>		APPLICATION NO. <b>10/755,863</b>	
	Ma, et al.			
	FILING <b>January 12, 2004</b>		GROUP ART <b>1763</b>	

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
m	5,744,777	4/28/1998	Bernecki, et al.	219	121.47	5/31/1996
m	5,858,470	1/12/1999	Bernecki, et al.	427	453	8/1/1997
m	5,876,683	3/2/1999	Glumac, et al.	423	325	11/2/1995
m	6,025,034	2/15/2000	Strutt, et al.	427	450	2/5/1998
m	6,132,653	10/17/2000	Hunt, et al.	264	5	4/16/1999

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

m		Delbos, et al. "Plasma Spray Elaboration of Finely Structured YSZ Thin Coating by Liquid Suspension Injection". Thermal Spray 2003: Advancing the Science & Applying the Technology, (Ed.) C. Moreau and B. Marple, Published by ASM International, Materials Park, Ohio, USA, 2003. pp 661-669
m		Devi, et al. "Comparison of citrate-nitrate gel combustion and precursor plasma spray processes for the synthesis of yttrium aluminum garnet". J. Mater. Res., Vol. 17, No. 11, Nov. 2002. pp 2846-2851

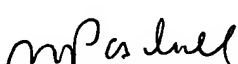
EXAMINER <div style="font-family: cursive; font-size: 1.2em;">m Paschul</div>	DATE CONSIDERED <div style="font-family: cursive; font-size: 1.2em;">3-16-05</div>
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				FILING <b>January 12, 2004</b>		GROUP ART <b>1763</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
u		6,195,504	2/27/2001	Horie, et al.	392	394	11/19/1997	
↑		6,277,448	8/21/2001	Strutt, et al.	427	452	6/4/1999	
↓		6,432,487	8/13/2002	Graham, et al.	427	454	12/28/2000	
m		6,447,848	9/10/2002	Chow, et al.	427	446	6/30/1998	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
m		Davi, et al. "Single-step deposition of Eu-doped Y2O3 phosphor coatings through a precursor plasma spraying technique". J. Mater. Res., Vol 17, No. 11, Nov. 2002. pp. 2771-2774						
n		Karthikeyan, et al. "Preparation of Nanophase Materials by Thermal Spray Processing of Liquid Precursors". NanoStructured Materials, Vol. 9, pp. 137-140. 1997						
EXAMINER <i>m Paduch</i>				DATE CONSIDERED <i>3/16/05</i>				
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
M			Karthikeyan, et al. "nanomaterial Deposits Formed by DC Plasma Spraying of Liquid Feedstocks". J. Am. Ceram. Soc., 81 (1) 121-128 (1998)					
n			Karthikeyan, et al. "Nanomaterial Powders and Deposits Prepared by Flame Spray Processing of Liquid Precursors". NanoStructured Materials, Vol. 8. No. 1, pp. 61-74, 1997					
EXAMINER <i>n Pascher</i>				DATE CONSIDERED <i>3/16/05</i>				
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				FILING <b>January 12, 2004</b>		GROUP ART <b>1763</b>	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
m		Ma, et al. "Intermediate Temperature SOFC Based on Fully Integrated Plasma Sprayed Components". 6 pages					
m		Ma, et al. "Study of Unique Microstructure in SPS Ceramic NanoCoatings". 6 pages					
EXAMINER <i>m Paschall</i>				DATE CONSIDERED <i>3-16-05</i>			
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*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
u	Padture, et al. "Towards Durable Thermal Barrier Coatings with Novel Microstructures Deposited by Solution-Precursor Plasma Spray". Acta mater. 49 (2001) 2251-2257		
u	Su, et al. "In Situ Characterization of Small-Particle Plasma Sprayed Powders". Journal of Thermal Spray Technology Vol. 11 (1) March 2002 pp 52-61		
u	Parukuttyamma, et al. "Yttrium Aluminum Garnet (YAG) Films through a Precursor Plasma Spraying Technique". J. Am. Ceram. Soc., 84 (8) 1906-1908 (2001)		
u	Tikkanen, et al. "Characteristics of the liquid flame spray process". Surface and Coatings Technology 90 (1997) 210-216		
u	Schlichting, "Failure Modes in Plasma-Sprayed Thermal Barrier Coatings" University of Connecticut, (2000) 186 pages		
EXAMINER	DATE CONSIDERED		
	<b>3-16-05</b>		
<small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>			